

Trace-it Molybdenum™

Section 1: Identification of the Substance or Mixture and of the Supplier

Product name:	Trace-it Molybdenum™
Recommended use:	Molybdenum fertiliser to counter molybdenum deficiencies in agriculture.
Company details:	Grochem (AgriNova New Zealand Limited) 15 Sunlight Grove Porirua New Zealand
Telephone:	+64 4 237 0905
Email:	grochem@grochem.co.nz
Emergency telephone:	New Zealand 0800 CHEMCALL – 24 hours (0800 243 6225) Australia 1800 127 406 Other locations +64 4 917 9888 or The National Poisons Centre 0800 POISON (0800 764 766)
Date of preparation:	30 May 2017

**Keep out of reach of children.
Read label and Safety Data Sheet before use.**

Section 2: Hazards Identification

Hazard classification (Transport):	Not a Dangerous Good for transport.
Hazardous substances (HSNO):	6.1E (WARNING: May be harmful if swallowed) 6.3B (WARNING: Causes mild skin irritation) 6.4A (WARNING: Causes serious eye irritation)



Section 3: Composition/Information on Ingredients

Classification & type:

Material	CAS No.	Proportion (%w)
Phosphoric Acid (after partial neutralisation)	7664-38-2	<11
Other ingredients		to 100%

Section 4: First Aid Measures

Symptoms of exposure:	No adverse health effects expected if the product is handled in accordance with this SDS and the product label. Symptoms that may arise if the product is mishandled are:
If Swallowed	Harmful if swallowed.
If in Eyes	Causes serious eye irritation.
If on Skin	May cause skin irritation.
If Inhaled	May irritate respiratory tract.
First aid actions:	Seek medical assistance immediately if exposed to significant quantities.
If Swallowed	Give plenty of water to drink. DO NOT induce vomiting. Call a POISON CENTRE or doctor/physician if you feel unwell.
If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
If on Skin	Wash thoroughly with soap and water. If skin irritation occurs, get medical advice/attention.
If Inhaled	Remove to fresh air. Give oxygen if breathing is difficult. Remove contaminated clothing.
Workplace facilities:	An eyewash and shower facilities must be available.
Notes for medical personnel:	Treat symptomatically.

Section 5: Fire Fighting Measures

Type of Hazard:	Not flammable.
HAZCHEM code:	N/A
Combustion products:	Oxides of phosphorus and molybdenum.
Extinguishing media & methods:	Use media suitable to flammable material involved.
Recommended protective clothing:	Use self contained breathing apparatus and full protective clothing.

Section 6: Accidental Release Measures

Personal protection:	See Section 8.3 for appropriate PPE.
Containment and clean up:	Contain spillage with absorbent material. Repeat before washing area with excess water. Collect absorbent material and dispose at a suitable landfill.
Special requirements:	See Section 13 for instructions for the disposal of waste/contaminated material.

Section 7: Handling and Storage

Subsection 1:	Handling
Handling practices	Wear appropriate PPE as detailed in Section 8.3.
Subsection 2:	Storage
Site requirements	Store in a cool place away from foodstuffs.
Packaging	Best kept in original container. If transferred, label information must be attached to new container.

Section 8: Exposure Controls/Personal Protection

Subsection 1:	Workplace Exposure Guidelines (may also be considered in section 2)
Exposure standards	TWA 1.2mg/m ³ . STEL 4mg/m ³ .
Subsection 2:	Engineering Controls
Exposure control measures	Use outdoors or in a well ventilated area.
Subsection 3:	Personal Protective Equipment (PPE)
Detail specifications of equipment	Wear impervious gloves, eye and face protection. Wear overalls or similar skin protection.
General Hygiene	Always wash hands and exposed skin after handling.

Section 9: Physical and Chemical Properties

Appearance	Dark green viscous liquid	pH	3.5
Odour	Mild	Boiling point (degC)	Not available
Specific gravity (kg/L)	1.6	Freezing point (degC)	Not available
Solubility	Soluble in water	Flashpoint (degC)	Not Flammable

Section 10: Stability and Reactivity

Stability of substance:	Stable under normal conditions.
Conditions to avoid:	Heat.
Material to avoid:	Will react exothermically with strong acid/alkali. Do not mix with chlorine or hypochlorites.
Hazardous decomposition products:	Oxides of phosphorus and molybdenum.
Hazardous polymerization:	Not known to occur.

Section 11: Toxicological Information

Data and interpretation:	Calculated LD50 2800mg/kg. See Section 2 for general hazard information.
---------------------------------	---

Section 12: Ecological Information

Potential environmental interactions:	Very slight toxic interaction. Not biodegradable.
--	---

Section 13: Disposal Considerations

Product disposal:	Use as directed or consult with your supplier or local council as to appropriate disposal of unwanted product.
Container disposal:	Triple rinse containers and deliver to Agrecovery collection point (www.agrecovery.co.nz).

Section 14: Transport Information

UN Number:	N/A
DG Class and Subsidiary Group:	N/A
Proper Shipping Name:	N/A
Packing group:	N/A
HAZCHEM Code:	N/A
Special precautions:	Do not carry more than 5L on a passenger service vehicle.

Section 15: Regulatory Information

Regulatory status: Approved in accordance with the HSNO act (1996) HSR002571.
See www.epa.govt.nz for approval conditions.

HSNO trigger quantities: Trigger quantities for this substance:

SDS must be available for 50L

Section 16: Other Information

Revision due: 30 May 2022.

Additional information: Directions for use are found on the product label.

Glossary:

ACVM	Agricultural Compounds and Veterinary Medicines (in relation to Group or Act 1997)
CAS	Chemical Abstract Services Number, used to uniquely identify chemical compounds
HSNO	Hazardous Substances and New Organisms (legislation 1996)
LD50	Lethal Dose to kill 50% of test animals/organisms
PPE	Personal Protective Equipment
STEL	Short Term Exposure Limit
TEL	Tolerable Exposure Limit
TWA	Time Weighted Average

This SDS summarises our best knowledge of the health and safety hazard information available for this product and how to safely handle and use it. Since the use of this information and the conditions of the use of this product are not under the control of GroChem, it is the user's responsibility to determine conditions of safe use of the product.